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### 54 Device to monitor the application of neutral electrodes during high-frequency surgery

57 The invention relates to a device to monitor the application of neutral electrodes to a patient, with at least two contact surfaces (2, 3) separated from each other during high-frequency surgery, whereby warning signals and/or automatic power-off of the high-frequency generator (17) are activated only when the high-frequency current to cut or coagulate is greater than that electrical conductivity transition value allowed between the neutral electrodes and the patient's skin without risk of thermal injury to the skin at the application position.

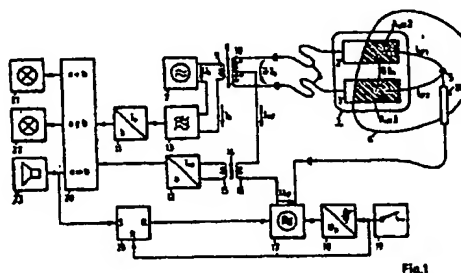


Fig.1